Property between Regions due to Advection and Diffusion $R_1 = R_2$ 1.0 Dimensionless Property ((λ - λ_1)/(λ_2 - λ_1)) 0.6 $(1/(1 + e^{Pe/2}))$ 0.4 0.0 -15 -1010 15 Dimensionless Material Flow Rate (Pe)